

9/306189

Docket No. AT9-98-920

**ABSTRACT OF THE DISCLOSURE****METHOD AND APPARATUS FOR CONVERTING PROGRAMS AND SOURCE  
5 CODE FILES WRITTEN IN A PROGRAMMING LANGUAGE TO EQUIVALENT  
MARKUP LANGUAGE FILES**

10 A method and apparatus for converting programs and  
source code files written in a programming language to  
equivalent markup language files is provided. The  
conversion may be accomplished by a static process or by  
a dynamic process. In a static process, a programming  
source code file is converted by an application to a  
15 markup language file. A document type definition file  
for a markup language is parsed; a source code statement  
from a source code file is parsed; an element defined in  
the document type definition file is selected based on an  
association between the element and an identifier of a  
20 routine in the source code statement; and the selected  
element is written to a markup language file. In a  
dynamic process, the program is executed to generate the  
markup language file that corresponds to the source code  
file or presentation steps of the program. The  
25 application program is executed; a document type  
definition file for a markup language is provided as  
input; an element defined in the document type definition  
file is selected based on a routine called by the  
application program; and the selected element is written  
30 to a markup language file.

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